

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400391955

Date Received:

04/23/2013

Oil and Gas Location Assessment

New Location

Amend Existing Location

Location#: 333288

Submit original plus one copy. This form is to be submitted to the COGCC prior to any ground disturbance activity associated with oil and gas development operations. This Assessment may be approved as a standalone application or submitted as an informational report accompanying an Application for Permit-To-Drill, Form 2. Approval of this Assessment will allow for the construction of the below specified location; however, it does not supersede any land use rules applied by the local land use authority. This form may serve as notice to land owners and other interested parties, please see the COGCC web site at <http://colorado.gov/cogcc/> for all accompanying information pertinent to this Oil and Gas Location Assessment.

Location ID:

333288

Expiration Date:

This location assessment is included as part of a permit application.

1. CONSULTATION

This location is included in a Comprehensive Drilling Plan. CDP # _____

This location is in a sensitive wildlife habitat area.

This location is in a wildlife restricted surface occupancy area.

This location includes a Rule 306.d.(1)A.ii. variance request.

2. Operator

Operator Number: 10450

Name: EE3 LLC

Address: 4410 ARAPAHOE AVENUE #100

City: BOULDER State: CO Zip: 80303

3. Contact Information

Name: CLAYTON DOKE

Phone: (303) 216-0703

Fax: (303) 216-2139

email: cdoke@iptengineers.com

4. Location Identification:

Name: MUTUAL PAD

Number: 4-30

County: JACKSON

Quarter: SWSE Section: 30 Township: 7N Range: 80W Meridian: 6 Ground Elevation: 8196

Define a single point as a location reference for the facility location. This point should be used as the point of measurement in the drawings to be submitted with this application. When the location is to be used as a well site then the point shall be a well location.

Footage at surface: 331 feet FSL, from North or South section line, and 1992 feet FEL, from East or West section line.

Latitude: 40.542017 Longitude: -106.414403 PDOP Reading: 2.2 Date of Measurement: 12/20/2007

Instrument Operator's Name: UINTAH ENGINEERING & LAND SURVEYING

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: Drilling Pits: 1 Wells: 2 Production Pits: 2 Dehydrator Units:

Condensate Tanks: 16 Water Tanks: Separators: 2 Electric Motors: Multi-Well Pits:

Gas or Diesel Motors: Cavity Pumps: LACT Unit: Pump Jacks: Pigging Station:

Electric Generators: Gas Pipeline: Oil Pipeline: Water Pipeline: Flare:

Gas Compressors: VOC Combustor: 2 Oil Tanks: Fuel Tanks:

Other: _____

6. Construction:

Date planned to commence construction: 08/15/2013 Size of disturbed area during construction in acres: 2.75
 Estimated date that interim reclamation will begin: 02/15/2014 Size of location after interim reclamation in acres: 2.75
 Estimated post-construction ground elevation: 8196 Will a closed loop system be used for drilling fluids: Yes
 Will salt sections be encountered during drilling: Yes No Is H2S anticipated? Yes No
 Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No
 Mud disposal: Offsite Onsite Method: Land Farming Land Spreading Disposal Facility
 Other: Back fill and cover

7. Surface Owner:

Name: Evans Cattle Co., LLC Phone: _____
 Address: 3605 Jackson County Road 26 Fax: _____
 Address: _____ Email: _____
 City: Coalmont State: CO Zip: 80430 Date of Rule 306 surface owner consultation: 04/02/2008

Surface Owner: Fee State Federal Indian
 Mineral Owner: Fee State Federal Indian

The surface owner is: the mineral owner is the executer of the oil and gas lease
 committed to an oil and gas lease the applicant

The right to construct the location is granted by: oil and gas lease Surface Use Agreement Right of Way
 applicant is owner

Surface damage assurance if no agreement is in place: \$2000 \$5000 Blanket Surety ID 20130008

8. Reclamation Financial Assurance:

Well Surety ID: 20130007 Gas Facility Surety ID: _____ Waste Mgnt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No
 Distance, in feet, to nearest building: 4248, public road: 4945, above ground utilit: 197
 , railroad: 5280, property line: 320

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
 Non-Crop Land: Rangeland Timber Recreational Other (describe): _____
 Subdivided: Industrial Commercial Residential

11. Future Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
 Non-Crop Land: Rangeland Timber Recreational Other (describe): _____
 Subdivided: Industrial Commercial Residential

12. Soils:

List all soil map units that occur within the proposed location. Attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.gov/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: Fo- Forelle loam

NRCS Map Unit Name: Fh- Fluetsch-Tiagos association

NRCS Map Unit Name: SuE- Sudduth loam, 5 to 15 percent slopes

13. Plant Community:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes No

Plant species from: NRCS or, field observation Date of observation: _____

List individual species: _____

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- Alpine (above timberline)
- Other (describe): _____

14. Water Resources:

Rule 901.e. may require a sensitive area determination be performed. If this determination is performed the data is to be submitted with the Form 2A.

Is this a sensitive area: No Yes Was a Rule 901.e. Sensitive Areas Determination performed: No Yes

Distance (in feet) to nearest surface water: 308, water well: 2066, depth to ground water: 123

Is the location in a riparian area: No Yes Was an Army Corps of Engineers Section 404 permit filed No Yes

Is the location within a Rule 317B Surface Water Suppl Area buffer zone:

No 0-300 ft. zone 301-500 ft. zone 501-2640 ft. zone

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified: No Yes

15. Comments:

Lands subject to order #531-1 contain both fee and federal minerals. Thus question #21 lists both fee minerals and has a federal lease number. The surface owner is a mineral owner in the subject well and is leased, however the lease is executed with a different operator. SUA is attached. These documents were executed under the previous operator of record, but were transferred along with the acreage pursuant to the purchase agreement already on file with the state (Doc #: 400395635). Static water level was determined from water well permit #230238- -, located (SWSW) Sec. 30 -T7N-R80W, approximately 2066' northwest from location. This well pumped at a rate of 15 gpm with a static water level of 145'. There is no elevation listed for this well, but topographic maps show it as approximately 20' above location. Correcting for this difference results in an estimate of 125' to groundwater at location. This is what has been reported above. Reference area is located to the north and west of location per the attached map. Reference area pictures are attached. surface owner has waived the Rule 305 notification requirements. Waiver is attached.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: _____ Date: 04/23/2013 Email: cdoke@iptengineers.com

Print Name: CLAYTON DOKE Title: SENIOR ENGINEER

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.

--

Attachment Check List

Att Doc Num	Name
400391955	FORM 2A SUBMITTED
400391969	NRCS MAP UNIT DESC
400403730	LOCATION PICTURES
400403733	ACCESS ROAD MAP
400403734	HYDROLOGY MAP
400403735	LOCATION DRAWING
400403736	REFERENCE AREA MAP
400403737	REFERENCE AREA PICTURES
400403738	TOPO MAP
400403746	WASTE MANAGEMENT PLAN
400408266	OIL & GAS LEASE
400446382	SURFACE AGRMT/SURETY
400446494	WAIVERS
400446505	MULTI-WELL PLAN

Total Attach: 14 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft. Surface owner must be mineral owner if committed to an oil and gas lease. "The Mineral owner" box needs to be checked or "committed to an oil and gas lease" unchecked. Missing Multi-well Plan. No location (S-T-R) cited on the Surface Use Agreement.	4/24/2013 3:09:51 PM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)